

FIG. 1

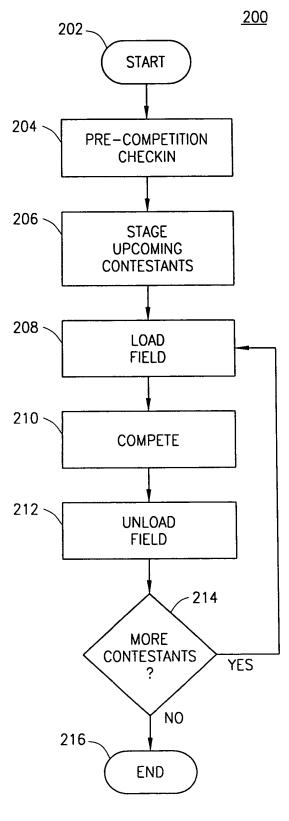


FIG. 2

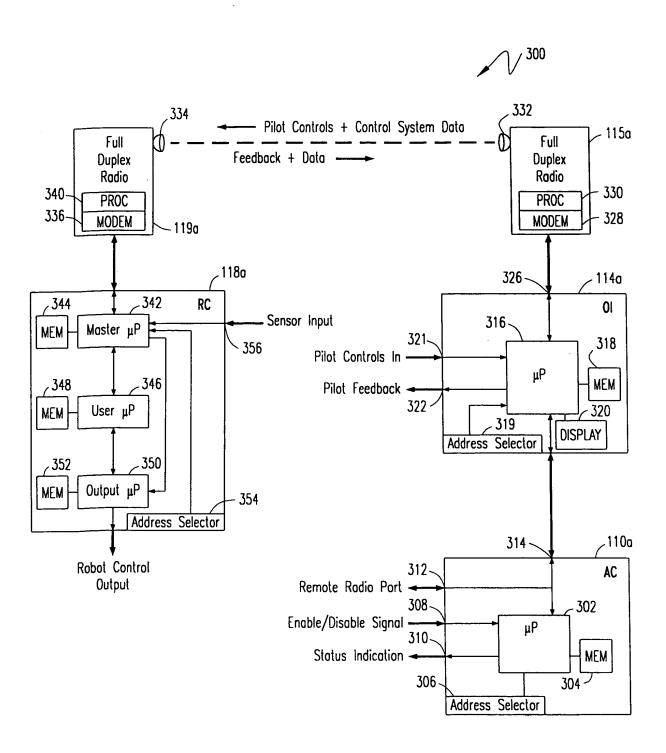


FIG. 3

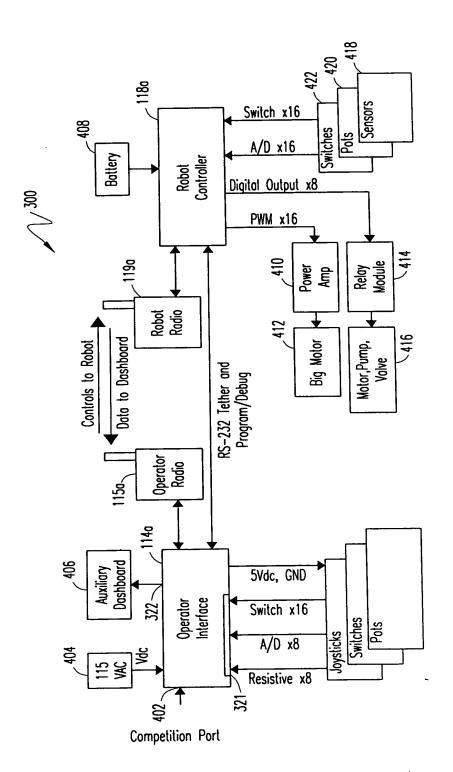
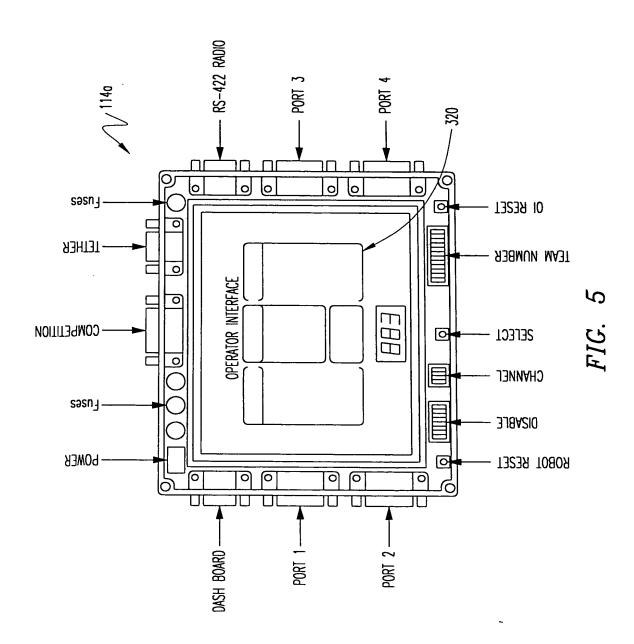
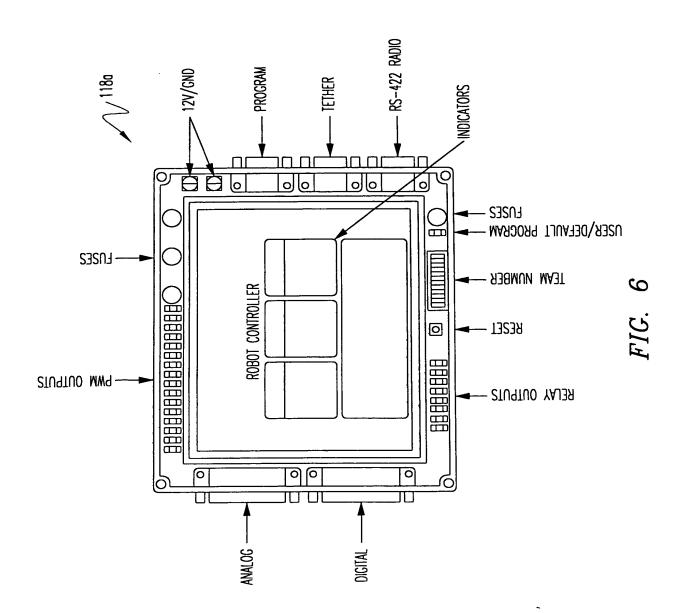
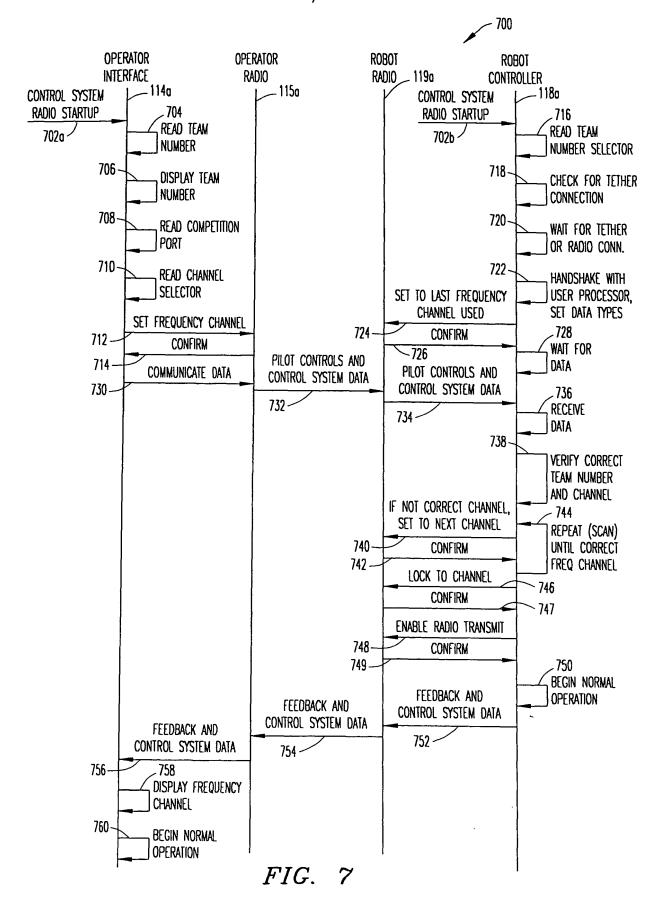


FIG. 4







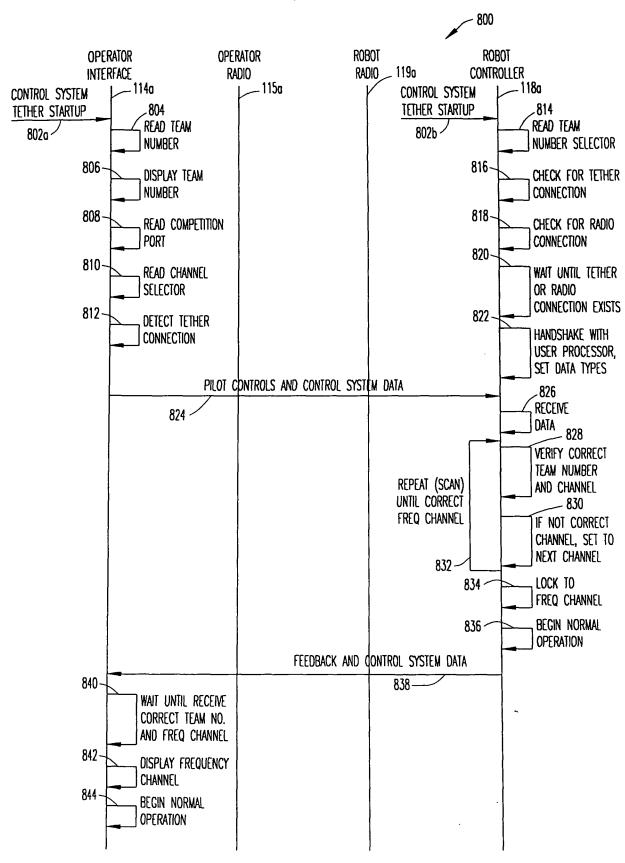
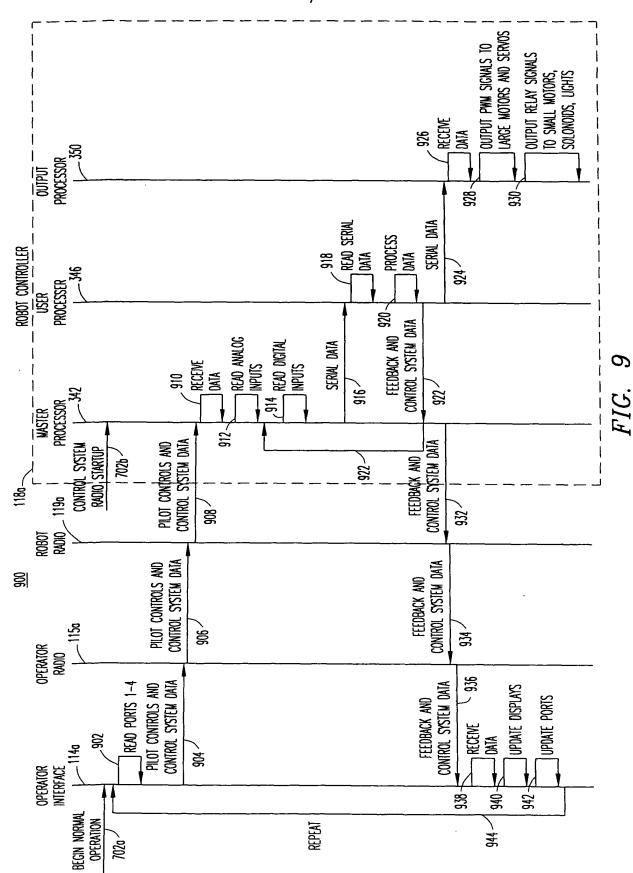


FIG. 8

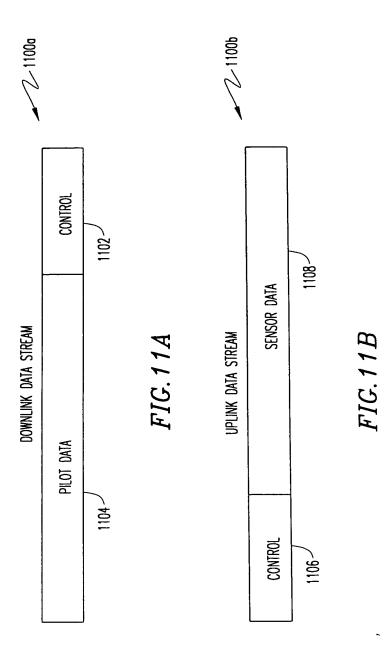


_ 1000	1002	0 1004	
OPERATOR INTERFACE	ROBOT CONTROLLER	robot Feedback	
O POWER ON O SEARCH/TX O VALID RX O NO DATA/RADIO O NO DATA/RADIO O F1 MAIN O F2 AUX O F3 RADIO	O VALID RX O NO DATA O LOW BATTERY O LOW BATTERY O BASIC ERROR O AUX FUSE  1006 18 CHANNEL	O O PWM 1 O O PWM 2 O O RELAY 1 O O RELAY 2 O SWITCH 1 O SWITCH 2 O SWITCH 3	

FIG. 10A

_ 1008	<u></u>	_ 1012	
CONTROLLER	CONTROLLER	FUSE	
STATUS	ALERTS	FAULTS	
O POWER ON	O LOW BATTERY	o F1 MAIN	
o SEARCH/TX	O NO DATA/RADIO	o F2 LOGIC	
o valid rx	O BASIC INIT ERROR	o F3 AUX	
O BASIC RUN	O BASIC RUN ERROR	O F4 RADIO	

FIG. 10B



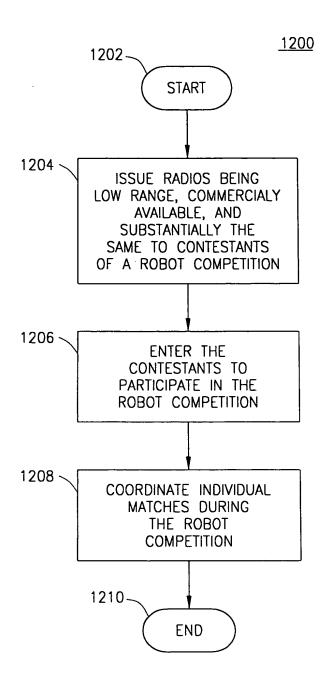


FIG. 12